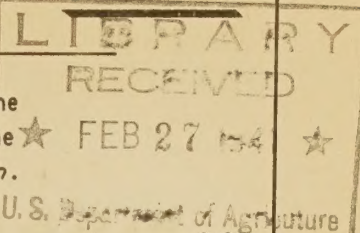


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news letter

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Vol. 2.

February, 1941

No. 8.

GENERAL ADMINISTRATION

Henry A. Donovan, Assistant Chief of Bureau, conferred with officials of the Southern Regional Research Laboratory at New Orleans, La., on February 3 and 4 regarding administrative and business matters.

Cottonseed technologists comprising the Technical Advisory Committee for the National Cottonseed Products Association, met in Washington January 16 and 17 to review investigations on cottonseed oil conducted by Research Fellow C. E. Swift and Biochemist R. W. Riemenschneider of the Agricultural Chemical Research Division. Accomplishments of the past year and plans for continuing the fellowship studies on antioxidants of cottonseed oil were discussed on January 16 by the six members of the Technical Advisory Committee in conference with Mr. Swift and Bureau members R. S. Hollingshead, R. W. Riemenschneider and Henry Stevens.

January 17 was devoted to a conference of administrative and scientific staff members of the Bureau with the Technical Advisory Committee. Chairman of the Committee, E. R. Barrow, commended the fellowship plan for cooperation between Government and industry. Speaking for his Committee and members of the sponsoring association, Mr. Barrow expressed unqualified approval of the direction and progress in the fellowship studies reported by Messrs Swift and Riemenschneider. Chief subject for discussion at the conference was the Regional Laboratory plan for expanding industrial uses of agricultural products. Current practices and opportunities for important research developments in production, processing and utilization of cottonseed were discussed from the viewpoint of the industry by members of the Technical Advisory Committee, consisting of E. R. Barrow, R. H. Fash, T. C. Law, H. S. Mitchell, A. S. Richardson and Andrew Schwartz. Design of regional laboratory research projects dealing with cottonseed technology and utilization of cottonseed produce were described by Dr. Knight, H. T. Herrick, Chairman of the conference, and D. F. J. Lynch, Director of the Southern Regional Research Laboratory. Also participating in the conferences were H. S. Paine, F. L. Teuton, G. S. Jamieson, H. A. Donovan, R. S. Hollingshead, T. L. Swenson, P. A. Wells, O. E. May and G. S. Meloy.

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NORTHERN REGIONAL RESEARCH LABORATORY

Dr. C. T. Langford has been appointed Senior Chemical Engineer in the Division of Engineering and Development. He formerly taught graduate and undergraduate courses and directed graduate research in chemical engineering at the University of Oklahoma. Dr. Lanford received his bachelor of science degree and his master of science degree from the University of Oklahoma, and his doctor's degree from the University of California in 1926.

Fred C. Rustenbach has been appointed Principal Glassblower. He was formerly with the University of Wichita, Wichita, Kansas, as a glassblower and also in charge of the chemical stores.

Other additions to the staff are: James C. Porter, Junior Mechanical Engineer, Agricultural Motor Fuels Division; Harvey Taylor and John J. Simon, Under Scientific Aides, Agricultural Residues Division.

Dr. O. E. May, Director, was in Washington, D. C., for conferences with officials of the Department and with the directors of the other three Regional Laboratories.

Dr. G. E. Hilbert, Chief, Starch and Dextrose Division, conferred with officials of this Bureau and the National Bureau of Standards, and with representatives of the Corn Industries Research Foundation, in Washington, D.C., also with starch consultants in Chicago, Ill.

Dr. E. H. Melvin, Acting Chief, Analytical and Physical Chemical Division, visited the Regional Soybean Industrial Products Laboratory at Urbana, Ill.

Dr. E. C. Lathrop, Chief, and Dr. T. R. Naffziger, of the Agricultural Residues Division, conferred with members of the staff of the Agricultural Byproducts Laboratory at Ames, Iowa.

Harvey J. Taylor, Under Scientific Aide, visited the Agricultural Byproducts Laboratory at Ames, Iowa.

Miss Myrtle Mohagen, Assistant Business Manager, conferred with the Manager of the Seventh U. S. Civil Service District in Chicago, Ill.

Harry E. Roethe, Technical Assistant to the Director, was the principal speaker at the annual banquet and farmers' night at the Canton Rotary Club January 9, and at the monthly meeting of the Union Mothers' Club at Peoria, Ill. February 5. Mr. Roethe discussed the Northern Laboratory. On January 27 he also addressed the members of the Business and Professional Girls' League of the Young Women's Christian Association of Peoria, on the same subject.

S. T. Schicktanz, Chief, and P. Burke Jacobs were in Cincinnati, Ohio, and Washington, D. C., for conferences with representatives of

industry, officials of the Bureau, of the National Bureau of Standards, and of the Alcohol Tax Unit of the Bureau of Internal Revenue.

Dr. Majel M. MacMasters, Starch and Dextrose Division, was in Washington, D. C., for conferences with officials of the Department and of the National Bureau of Standards.

Miss Elizabeth S. Spencer, Librarian, was in Washington, D. C., where she familiarized herself with methods and procedures used in the Bureau and Department libraries.

Dr. Louis B. Howard, Chief of the Commodity Byproducts Division of the Western Regional Research Laboratory conferred with members of the staff of this Laboratory.

C. M. Wilson, Farm Editor of the Daily Times, Davenport, Iowa, accompanied by E. H. Holden of the Farm Service Company, Devenport, Iowa., and E. D. Peterson, County Agent, H. L. Kelly of the Farm Bureau Federation, and Morris Ketzle, Office Manager and Secretary of the A.A.A., all of Aledo, Ill., were taken through the Laboratory and discussed its activities with members of the staff.

R. T. Mees, of Caterpillar Tractor Company, accompanied by Professor G. C. Wilson, University of Wisconsin, and A. W. Fox, Research Engineer of the Standard Oil Company of Indiana, were interested visitors in the Laboratory. They also discussed various problems in connection with agricultural motor fuels with members of the staff.

Other recent visitors to the Laboratory included F. B. Mosher, Secretary, Doughboy Mills, Inc., New Richmond, Wis., J. D. Barnard, Minnesota Valley Canning Company, Le Sueur, Minn., William W. Walker, Assistant Chemist, U. S. Public Health Service, Cincinnati, Ohio; H. H. Schopmeyer, Director of Research, American Maize Products Company, Roby, Ind., R. J. Schofield, Carnegie Illinois Steel Company, Palos Park, Ill., S. M. Cantor, Research Chemist, Corn Products Refining Company, Argo, Ill.; Mr. Arnold P. Yerkes, Editor of Tractor Farming, International Harvester Company, Chicago, Ill.

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SOUTHERN REGIONAL RESEARCH LABORATORY

Mary Ann Grimes, Textiles and Clothing Specialist, of the A & M College of Texas, College Station, Texas visited the Laboratory on February 3 and conferred with members of the Cotton Fiber Research and the Cotton Chemical Finishing Divisions.

W. B. Lanham, in charge of the Cotton Quality, Statistics and Classing Acts, Agricultural Marketing Service, Washington, D. C., visited the Cotton Processing Division on February 7.

D.F. J. Lynch was called to Washington on February 7, and Messrs. R. J. Cheatham and A. Mason DuPre left on February 8, to confer with bureau officials on the utilization of cotton.

Paul R. Dawson attended the meeting of the Southern Agricultural Workers in Atlanta, Ga., the week of February 3 to 7.

Geo. C. Patterson, Bureau of the Budget, Washington, D. C., conferred with laboratory officials and was taken for an inspection tour of the building site.

W. R. Meadows of the Commodity Exchange Commission conferred with Dr. K. S. Markley, Chief of the Oil, Fat, and Protein Division, January 17, 1941, on rancidity in lard and shortening.

H. M. Johns, of Washington, D. C., accompanied by his wife, stopped off in New Orleans on his way to take up the duties of Assistant Business Manager at the Western Laboratory.

Joseph Haley, Chief, Real Estate Division, Office of Plant and Operations, Washington, D. C., and Tom Smith of his Division conferred with laboratory officials on January 16 and were taken for an inspection tour of the building site.

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WESTERN REGIONAL RESEARCH LABORATORY

The installation of hoods, sinks, benches, cabinets, etc., has been completed in 30 laboratory rooms and we are now ready to move stored equipment and supplies into these laboratories to begin work on a larger scale.

The protracted period of rainy weather has made it impossible for the site contractor to proceed with his work of grading the grounds and constructing roads.

Dr. T. L. Swenson returned to Albany on January 30 from Washington, D. C., where he attended a meeting of the Regional Laboratory Directors.

H. C. Diehl, Chief of the Commodity Processing Division, attended a meeting of the Association of Refrigerated Warehouses in Chicago, Ill., from February 11 to 14.

Recently about 50 students from the Sebastapol Union High School visited the Laboratory with their Principal, Mr. Allen.

Among the other callers may be mentioned the following: Major McIndoe, Bonneville Power Administration, Portland, Oreg.; Mr. Braum, Personnel Office, U.S.D.A., Washington, D. C.; W.T.S. White, Sherman-White and Co., Fort Wayne, Ind., who called in connection with problems in the freezing of poultry.

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EASTERN REGIONAL RESEARCH LABORATORY

Dr. Henry G. Knight spent Thursday, January 29 at the Laboratory conferring with officials regarding the progress of the research and inspecting the laboratory building. Dr. Knight was very well pleased with the progress being made at the Laboratory.

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F. L. Teuton, Chief of the Information Division of the Bureau, visited the Laboratory on Wednesday, January 28. Mr. Teuton was particularly interested in plans for editorial work and in the library set-up in the Laboratory. This was Mr. Teuton's first visit since the cornerstone laying ceremonies in October 1939.

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Dr. J. J. Willaman gave an address entitled "The Possibilities of New Developments in Apple By-Products," before the New Jersey State Horticultural Society at Trenton, N.J., on January 31.

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L. S. Stuart of the Hides, Tanning Materials, and Leather Division spent January 16 and 17 at the tannery of J. E. Rhoads & Sons, Wilmington, Dela., assisting in cooperative experiments with special curing formulas for resalting hides for long-time storage.

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Geo. P. Wolf, Business Manager, spent February 11 and 12 in Washington, D. C. conferring with Bureau officials on matters pertaining to business activities of the Laboratory.

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Mrs. Dorothy Graf, Bureau Librarian, and Miss Elizabeth Spencer, Librarian, Northern Laboratory, spent February 10 at the Laboratory discussing the progress in developing the library with Miss Claire Hirschfield, Librarian of the Eastern Laboratory.

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The first equipment contract for installation of permanent laboratory equipment has been completed in 15 laboratory rooms and the laboratories are now in operation. With the 10 laboratories already in operation, this makes a total of 25 research laboratories functioning at this time.

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U. S. REGIONAL SOYBEAN INDUSTRIAL PRODUCTS LABORATORY, URBANA, ILL.

Turner H. Hopper, Senior Chemist in charge of the Analytical Section, spent the week of January 19 in Washington conferring with officials of this Bureau and the Bureau of Plant Industry regarding a joint publication with J. L. Cartter on the agronomic and analytical results of the laboratory.

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On February 12, Dr. R. T. Milner, Director of the Laboratory, addressed the Society of Sigma Xi at the University of Illinois on "The Industrial Utilization of Soybeans."

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RURAL ELECTRIFICATION RESEARCH

Oral A. Brown discussed the electrification of 200 low-income farms at the meeting of the Southern Agricultural Workers at Atlanta, Ga., on February 7. Information for the discussion was drawn from his experiences on the Farm Security's resettlement area at Irwinville, Ga., and from those of Jefferson B. Rodgers at LaForge, Mo.

The Rural Electrification Administration and the Division of Rural Electrification Research of the Bureau were given responsibility for the program of the Washington chapter, American Society of Agricultural Engineers at its evening meeting on January 29. The picture "Power on the Farm" and a talk by Miss Clara Nale were presented by the R.E.A. Mr. Garver talked on the problems encountered in the electrification of low-income farms.

Farmers' Bulletin 1858 "Electric Motors for the Farm" was prepared by Messrs H. L. Garver and Oral A. Brown of this Division, R. B. Gray of the Division of Farm Mechanical Equipment and J. T. Bowen of the Division of Plans and Service has recently come from the press.

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FARM MECHANICAL EQUIPMENT RESEARCH

R. B. Gray left Washington February 10 to inspect work underway at the Division field stations, and to confer with equipment manufacturers on new developments in farm machinery. February 17-19 Mr. Gray inspected equipment and conferred with manufacturers at the Western Tractor and Equipment Show, Wichita, Kans and later observed the performance of experimental commercial equipment at Phoenix, Ariz. March 1 he is scheduled to discuss farm residue collecting machinery problems with manufacturers at Moline, Ill., and other points in the Middle West.

S. W. McBirney reports the unusually heavy rainfall in Northern California this year passed the annual precipitation mark early in February and is approximately 75 percent above the seasonal normal. The rain has been so well spread out that no significant flood damage has resulted, but sugar beet growers are already over a month late getting started with their planting.

G. A. Cumings collaborated with officials of the National Fertilizer Association in connection with the preparation of an exhibit on improved placement of fertilizer for potatoes. An elaborate panel 4 x 30 feet in size was prepared as a part of the material assembled for an exhibit train pertaining to potato production which was started February 1 on a tour in the State of North Carolina by the State Extension Service.

A. W. Turner of the International Harvester Co., Chicago, Ill., called at the Division office on February 11 relative to the current farm implement situation.

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NAVAL STORES RESEARCH

On January 29, C. F. Speh visited the plants of Fels and Company, Philadelphia, Pa., and the Hercules Powder Company, Wilmington, Del., where he discussed the use of rosin in soap and the Bureau's work on soap with the representatives of those firms.

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Mr. Speh left Washington on February 8 for a visit to the Naval Stores Station and other points in the naval stores belt. He spent February 10 in Jacksonville, Fla., contacting various producers. On February 11, he visited the Naval Stores Station, inspecting the work of the station and making plans for future work. February 12 was spent at Brunswick, and Savannah, Ga., where methods of gum cleaning, plans for making rosin esters and other derivatives, marketing conditions and new export regulations were discussed with representatives of the industry. Mr. Speh returned to Washington on February 13.

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A. R. Shirley, Naval Stores Cooperative Agent for Georgia, made a trip to Montgomery, Ala., on January 13, to confer with officials of the Farm Security Administration regarding the erection of central turpentine stills, and assistance to small gum farmers in Georgia and Florida. Information was given regarding the number of producers in Georgia and their approximate location by areas. A list of gum producers as compiled by the U. S. Forest Service was also furnished the Farm Security Administration officials. Mr. Shirley returned to his official station on January 17.

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The following publications have been issued:

Turpentine Still Buildings, Miscellaneous Publication 387, February 1941.

How to Stop Leaks from the Side Sampler in a Metal Rosin Drum. E. L. Patton, ACE-72. January 14, 1941.

Jet Condenser Set-up for Turpentine Still. E. L. Patton and R. A. Feagan, ACE-78. February, 1941.

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PROCESSING OF FARM PRODUCTS RESEARCH

Cotton Ginning Investigations:

Through a typographical error in the last NEWS LETTER the steam perforations mentioned in the Bureau "humidifying ring" were indicated at .2 instead of 2/100 inch in diameter.

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Beginning tests of mechanically harvested cotton with a new specially constructed saw cylinder have been successfully completed during the early part of February, and very interesting observations have been made with the double-process ginning apparatus in which freshly ginned cotton fiber is transferred from one group of high-speed saws to another without the use of rotating brushes. The achievement of being able to

smoothly transfer the fiber from one group of saws to another may ultimately contribute to important improvements in moting and cleaning.

A number of plantation owners have visited the cotton ginning laboratory during the last month in order to study the possibilities of applying pure seed handling methods to their cotton gins. Among these visitors was Hal Hopson of Clarksdale, Miss., upon whose plantation the extensive cotton picking and drying tests of the International Harvester Co. have been conducted. Other visitors were G. E. Heffington of the Farmers' Cooperative Society, Richardson, Texas; the Wylie France ginners of Cooper, Texas; and Julius Grittman of Whitney, Miss.

Public patent No. 2,225,397 was recently received through the Chief of the Bureau. This patent was on an improved cotton fan invented by G. N. Franks of the laboratory staff and is being successfully used on cooperative test runs in a number of plantation cotton gins.

Analysis of experimental data is now underway, but is being handicapped by the calling of some of the staff members into military service.

In company with F. L. Gerdes of the Agricultural Marketing Service, C. A. Bennett attended the National Cotton Council meeting at Augusta, Ga., on January 27, 28, and 29. At this same meeting the National Association of Cotton Ginners convened and were represented by leading ginners from all cotton-growing States of the Union. A number of cotton gins in the vicinity of Augusta were visited during the meeting period and conferences were held with gin owners and cotton growers who are looking forward to modernizing their gins during the coming season.

James S. Townsend, Cotton Technologist of the Bureau of Plant Industry, with headquarters at the U. S. Cotton Ginning Laboratory, has returned from a roller ginning trip in West Texas and Oklahoma. With the assistance of the Laboratory staff Mr. Townsend is constructing new "semi-self-grooving" rollers for this type of gin having a number of advantages. An article descriptive of this roller is now being edited in the Bureau.

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Cotton Packing Investigations:

The multilithed publication, ACE-67, "The Compression of Cotton and Related Problems" edited by Dr. John W. Wright of the Agricultural Marketing Service and C. A. Bennett of this Bureau, was issued during the past month. This bulletin is a report on observations covering thousands of bales of cotton and the various phenomena which are collateral with the compressing of cotton bales at concentration points. Splendid assistance was rendered to the Laboratory staff by the compress and warehouse interests.

In power studies of the pressing laboratory at Stoneville, Miss., the time element of pressing was varied so that horsepower requirements on the press pump dropped from 40 horsepower to as low as 14. The report of a test lot of bales which were ginned and packaged on the new Bankhead-

Jones project standard density press was very gratifying in regard to the appearance of the bales, their ability to withstand rough handling during shipment, and their satisfactory utilization at the mills.

An appreciable number of pilot bales containing one cubic foot of cotton at different densities has been pressed out during the month for the Secretary's Office. These bales make very attractive exhibits and displays and are sought after by many visitors at the Laboratory.

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AGRICULTURAL CHEMICAL RESEARCH

At the request of Chas. E. Concannon, Chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce of the Department of Commerce, and the Modern Plastics Magazine, Dr. Chas. E. Sando installed an exhibit of plastic-preserved specimens in the Commerce Building on December 16, 1940, where it will remain until the latter part of February.

This display is part of the most extensive exhibit of modern plastics ever presented in Washington and is on view at "Plasti-City" in the main foyer of the Commerce building. Among the exhibits are a number of prize-winners in the 5th Modern Plastics Competition representing many branches of the plastic industry.

The Bureau's exhibit is comprised of approximately 100 colorful specimens showing the various types of agricultural material which have so far been preserved in crystal-clear plastic and the special display for which the Bureau received a Modern Plastics award several years ago. The Bureau has been informed by the Commerce Department that this type of plastic research is continuing to create unusual interest, and a very favorable write-up by Jack Stinnett in The Evening Star of January 6, would seem to support this viewpoint.

The large plastics exhibit at the Commerce Building is the forerunner of an extensive program scheduled by Modern Plastics for 1941 in which plans call for an unending chain of elaborate and professionally staged displays to appear in leading department stores throughout the country. This Bureau is cooperating with Chas. A. Breskin, Publisher of Modern Plastics Magazine of New York City, in connection with such a program.

R. S. Hollingshaad, Assistant Chief of the Division, attended the annual meeting of the National Cannery Association, held in Chicago, Ill. January 20-23, 1941. While in Chicago he conferred with officials of food processing plants regarding methods used in the preservation of food.

G. P. Walton presented a paper on honey at the Ohio State Beekeepers' Meeting at Columbus, which meeting was held on January 29-30.

A trip was made to Laurel, Miss., by H. S. Paine, Chief of the Division, to attend the meeting of the Board of Directors of the Laurel Starch Plant held January 31 to February 2.

After attending the meeting of the Pickle and Kraut Packers at East Lansing, Mich., February 18-20, 1941, Dr. Harry E. Goresline of the Microbiology Section will stop at Geneva, N.Y. to complete arrangements for the closing of our field station there. Dr. Beavens, who has been in charge of the Geneva Station, will be transferred to the Los Angeles Laboratory March 1.

John L. Etchells of the Raleigh, N.C. station will also attend the Pickle and Kraut Packers meeting, and will give several papers while there. He will remain in East Lansing for approximately one month after the meeting, in order to carry out certain work in consultation with Dr. F. W. Fabian of the Michigan State Agricultural Experiment Station.

A paper on the Preservation of Sweetpotatoes was given by Dr. F. H. Thurber at the Southern Agricultural Workers' meeting held at Atlanta, Ga., February 5-7.

An invitation has been extended to Messrs. Berry and Campbell of the U. S. Frozen Pack Laboratory at Seattle, Wash., to attend the Frozen Food Section of the annual Oregon State College Cannery School, to be held at Corvallis, Oreg., February 12-14. They will participate in informal discussions regarding freezing preservation of foods.

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FARM STRUCTURES RESEARCH

J. W. Simons and A. C. Hudson stationed at Athens, Ga., attended the Agricultural Engineering session of the Association of Southern Agricultural Workers at Atlanta, February 5 and 6. Mr. Simons presented a paper "New Approaches to Farm House Design, Construction, and Equipment." Mr. Hudson read a paper by W. V. Hukill "Questions about Southern Farm Buildings."

R. T. Smith is in California and hopes to make a further field test on the new orchard heaters before he returns to Baltimore, his headquarters, February 28.

Thayer Cleaver gave a talk on Corn Storage, at the Illinois Farm and Home Week program at Urbana, Ill.,

O. E. Brunkow participated in the Farm and Home Week program at Madison, Wisconsin, discussing farmhouse improvement.

J. R. McCalmont visited the New Jersey Agricultural Experiment Station at New Brunswick, N.J. February 21, where the silo pressure work was discussed with the cooperators and the test program outlined for the coming season.

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- 11 -
CHANGES IN PERSONNEL

(Recent Appointments - Indefinite or Probationary)

Charles B. Broeg	Jr. Chemist (Houma, La.)	Agr. Chem. Res. Div.
Herbert L. Stein	Assistant Messenger	Bus. Adm. Div.
Oliver L. Yarham	Jr. Chemical Engineer	Plans & Service Div.
William E. Schuppert	Engineering Draftsman (Architectural)	" " " "
Reuben Chauls	Assistant Electrical Engineer	" " " "
Nicholas Stadfeld, Jr.	" " "	" " " "
James C. Gill	Assistant Mechanical Engineer	" " " "
Murray Epstein	Engineering Draftsman (Architectural)	" " " "
Felix Cecchetti	Associate Electrical Engineer	" " " "
William Epstein	Sr. Engineering Draftsman (Mechanical)	" " " "
Owen A. Kennedy	Assistant Mechanical Engineer	" " " "
Thomas M. Charlebois	Unskilled Laborer (Uncl.) Wyndmoor, Pa.	East. Reg. Res. Lab.
Robert Lee Alexander	Skilled Laborer (Class.)	" " " "
Ephraim H. Kaplan	Asst. Scientific Aide	" " " "
Joseph Naghski	Jr. Bacteriologist	" " " "
William P. Ratchford	Jr. Chemist	" " " "
Harold E. Tebbs	Sr. Steamfitter & Pipefitter	" " " "
Clarence Adcock	Skilled Laborer (Oiler) Peoria, Ill.	North. " " "
Mrs. Margaret D. Alholm	Jr. Clerk-Stenographer	" " " "
Mrs. Margaret P. Bullock	Jr. Clerk-Stenographer	" " " "
Carroll P. Driscoll	Janitor	" " " "
Mrs. Alte Ethel Commean	Unskilled Laborer (Uncl.) (Cleaner Peoria)	" " " "
Claude M. Esch	Skilled Laborer Peoria, Ill.	" " " "
William F. Griffith	Guard	" " " "
Edgar D. Gram	"	" " " "
Mrs. Louise G. Embree	Jr. Clerk-Stenographer	" " " "
Mrs. Maude E. Holder	" " "	" " " "
Paul F. McKown	Unskilled Laborer	" " " "
Edith S. Nelson	Assistant Clerk	" " " "
Fred C. Rustenbach	Principal Glassblower	" " " "
Corinne M. Stepzinski	Jr. Clerk-Stenographer	" " " "
Max D. G. Wasson	Skilled Laborer	" " " "
Frank Banach	Sr. Operating Engr. (New Orleans, La.)	South. " " "
Mrs. Alice Leman	Jr. Clerk-Stenographer	" " " "
Joseph Pizzolato	Sr. Operating Engineer	" " " "
John W. Sellers	Under Scientific Helper (Urbana, Ill.)	Reg. Soybean Lab.

Recent Appointments - Temporary

Ralph Ronald Struthers	Unskilled Laborer (Ames, Iowa)	Farm Mech. Equip.
Mrs. Harriet S. Felt	Under Clerk-Typist (Peoria, Ill.)	North. Reg. Res. Lab.
Anne J. Flanagan	" " " "	" " " "
Maxine M. Hamma	" " " "	" " " "
Janice Carr Gillett	" " " "	" " " "
Alta Isabel Kaver	" " " "	" " " "
Mrs. Lillian M. Wilcox	" " " "	" " " "
Jeanette L. Zare	" " " "	" " " "
Mrs. Agnes O. Bordelon	Jr. Clerk-Stenog (New Orleans, La.)	South. " " "

Separations

Dorothy V. Huzzard	Jr. Stenographer (To War Dept.)	Bus. Admin. Div.
Margaret S. Smith	Jr. Clerk-Stenographer	" " "
Frank Restall, Jr.	Unskilled Laborer (Wyndmoor, Pa.)	East. Reg. Res. Lab.
Genevieve W. Tidd	Asst. Clerk-Stenog. (Peoria, Ill)	North. " " "
Eunice B. Lockhart	Junior Stenographer	Plans & Service Div.
Jon Frank Nebel	Jr. Civil Engineer (To Ofc. of Sec.)	" " " "
B. Trilby Thorkildsen	Jr. Stenog. (To Dept. of Justice)	" " " "
Donald W. Percival	Painter (Urbana, Ill.)	Reg. Soybean Lab.

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- BEAVENS, E.A. (With D.K. TRESSIER, senior author, and C.S. PEDERSON, N.Y. Esp. Sta.) Cherry juice and cherry beverages. N.Y. Agr. Expt. Sta. Circ. 180. Jan. 1941.
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- CURL, A.L. and NELSON, E.K. The non-volatile acids of the potato. Amer. Potato Jour. 17(12):328-330, Dec. 1940.
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- STEDRONSKY, V.L. and BAGGETT, T.L. (With A.J. JOHNSON, A.M.S.) Surveying power consumption at gins. Cotton Ginners' Jour. 12(4): 5, 6, 14, Jan. 1941.
- STUBBS, J. J., LOCKWOOD, L.B., ROE, E. T., TABENKIN, B. and WARD, G.E. Ketogluconic acids from glucose. Bacterial production. Indus. & Engin. Chem. 32(12): 1626-1631, Dec. 1940.